ON A NEW SPECIES AND A NEW VARIETY OF *DIOSPYROS*.*

By W. P. Hiern, M.A., F.R.S.

(*Communicated by J. H. Maiden, F.R.S.*)

Diospyros austrocaledonica, n.sp.

Arbor (ut videtur) novitiis infructescentiâque et c. exceptis glabriuscula, ramulis teretibus fuscis minute glanduloso-puberulis subnitidis foliosis, internodiis 18—28 mm. longis, foliis ovali-oblongis apice obtusis non vel vix acuminatis interdum late emarginatis basi leviter cuneatis firmitu coriaceis sub-concoloribus utrinque sordide viridibus alternis integris 7—22 cm. longis 3—7.5 cm. latis margine anguste revolutis costâ validâ super sulcatâ infra prominente conspicuâ concolore vel basim versus fusciore venis, lateralibus alternis utrinque circiter decem patulo-ascendentibus sub-tenuibus concoloribus reticulatione etiam tenui concoloreque petiolo robusto fusco 9—15 mm. longo plus minus patulo, fructibus sub-globosis vel late spheroideis breviter pubescentibus 20—25 mm diam. solitariis 8?—loculatis, pedunculis fructiferis axillaribus solitariis 3—5 mm. longis patulis puberulis calyce fructifero 4—5 fido 3—4 cm. diam. tubo plerumque scutelliformi ceterum reflexo extus puberulo intus sericeo—tomentello dure coriaceo 18—22 mm. diam. lobis patulo-reflexis coriaceis puberulis ovato-rotundatis 1—1.5 cm. longis 1—1.75 cm. latis infra plus minus concavis saepius undatis, seminibus pluribus 14—17 mm. longis 7—8 mm. latis 4 mm. crassis testâ tenue albumine albido equabili copioso cartilagineo. Embryon 6.5 mm. longum radiculâ sub-cylindraceâ 4.5 mm. longâ 0.5—1 mm. latâ. Cotyledonibus ovalibus 2 mm. longis 1.5 mm. latis.

Hab.—New Caledonia, Baie du sud. Coll. Le Boucher, 1903, No. 1529.

Differs from *D. Olen* Hiern., by the size of the leaves, length of the petioles, *etc.*

Diospyros samöensis, A. Gray var. ovata, n.var.

Plerumque glabrata, novitiis puberulis, ramulis sub-gracilibus fuscis alternis foliosis apice minute puberulis, internodiis 7—30 mm. longis, foliis alternis ovatis vel ovato-ellipticis apice breviter obtusiusculis vel vix acuminatis basi

*[We owe to Mr. Hiern, of Barnstaple Manor, Devon, England, a well-known monograph on the *Ebenaceae*, and the specimens herein described were forwarded to the National Herbarium of New South Wales, and transmitted by me for Mr. Hiern's consideration.—J.H.M.]

sub-rotundatis vel inaequaliter angustatis tenuiter coriaceis super caesio-viridibus sub-nitidis subtus sub-sordidis margine integris anguste revolutis 7—10 cm. longis 3.5—4.6 cm latis costâ mediocri subtus prominente fuscâ nervis lateralibus gracilibus reticulatione inconspicuâ petiolo fusco 3—6 mm. longo, pedunculo fructifero axillari erecto-patulo solitario valido puberulo 6—7 mm. longo, calyce fructifero patente puberulo 4—lobo 16—17 mm. diam dure coriaceo tubo crasso brevissime cupulari 10 mm. diam. annulo interno elevato instructo lobis ovatis patulo-recurvis obtusis undatis, fructibus sub-globosis glabratis vel obsolete pubescentibus levibus 15—19 mm. longis 14—16 mm. diam 8—? loculatis, seminibus plurimis albumine aequabili.

Hab.—Apia, Samoa. Coll. Dr. B. Funk, 1901, n. 19.

Differs from the type of the species by the broader shape towards the base of the leaves.